



- High frequency operation
- Low forward voltage drop
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Guard ring for enhanced ruggedness and long term reliability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260

Typical applications are in switching power supplies, converters, freewheeling diodes, and reverse battery protection.

- : TO-263
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
- : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- : As marked

■ (Ta=25 Unless otherwise specified)



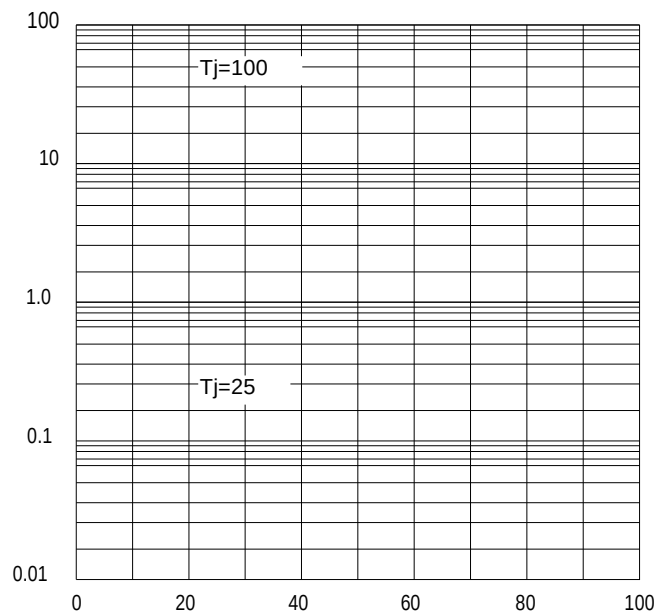
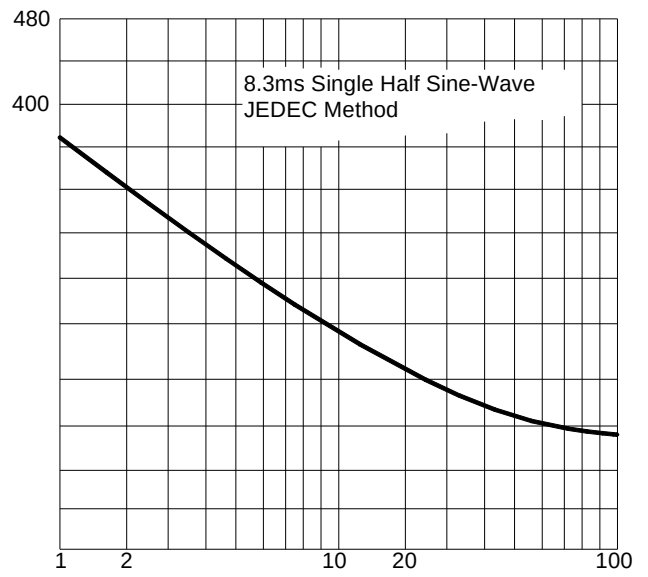
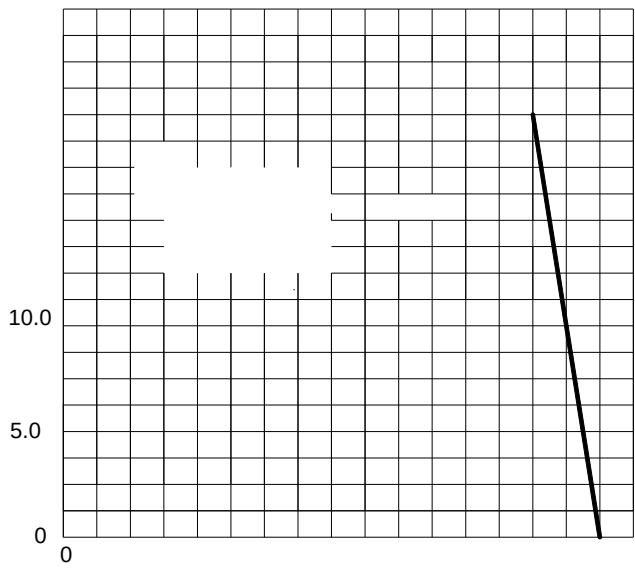
■ $T_a=25$ Unless otherwise specified

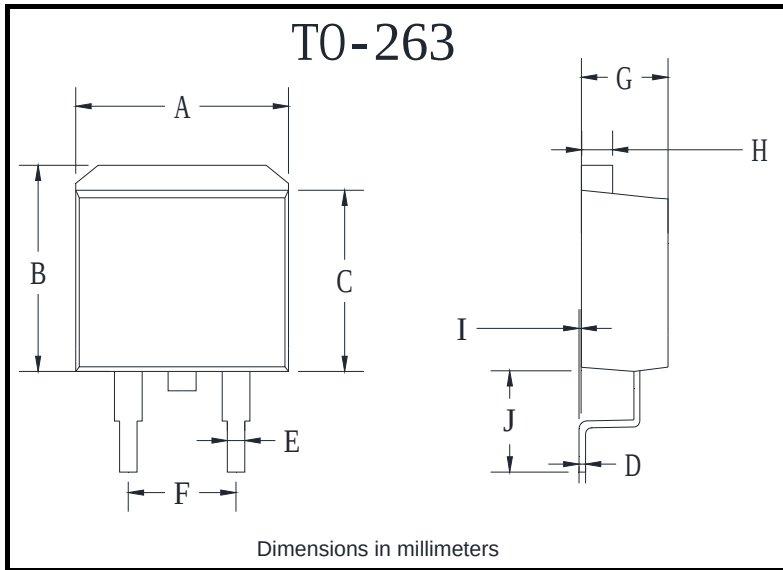
Thermal Resistance	Between junction and case	$R_{\theta J-C}$	W	2.0

■ (Example)

GF2045MG	Approximate 1.46	50	2000	8000	Tube
GF2045MG	Approximate 1.46	1000	2000	10000	Reel

■ (Typical)





Dim	Min	Max
A	9.5	11.5
B	9.7	10.5
C	8.4	9.0
D	0.28	0.64
E	0.68	0.94
F	4.55	5.6
G	4.04	5.10
H	1.14	1.4
I	0	0.2
J	4.9	6.05



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